|  |  |  |  |
| --- | --- | --- | --- |
| Mr. Michael T. Davis  Algebra II Delta & Eta | | Creating Exponential Functions from Ordered Pairs  In-Class  March 9, 2015 | |
| Name: | |

**Directions: Use the table of ordered pairs, to determine an equation for the exponential function.**

1.  2. 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x |  |  | X |  |
| -1 |  |  | -1 |  |
| 0 | 5 |  | 1 | 2 |
| 1 | 10 |  | 2 | 4 |
| 2 | 20 |  | 3 | 8 |

 

1.  4. 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x |  |  | X |  |
| -1 |  |  | -1 |  |
| 1 | -3 |  | 1 | 12 |
| 2 | -18 |  | 2 | 36 |
| 3 | -108 |  | 3 | 108 |

 

1.  6. 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x |  |  | x |  |
| -1 |  |  | -1 |  |
| 1 | 2 |  | 1 | -3 |
| 2 | 8 |  | 2 | -9 |
| 3 | 32 |  | 3 | -27 |

 

7. 8.



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x |  |  | x |  |
| -2 |  |  | -2 | -54 |
| -1 | 6 |  | -1 | -18 |
| 2 |  |  | 2 |  |
| 3 |  |  | 3 |  |

 